



LPW

# Electronic Filing System (EFS) Data

## Electronic Patent Application Submission

### USPTO Use Only

EFS ID: 64950

Application ID: 10680584



Title of Invention:

METHOD AND APPARATUS FOR  
EFFICIENT VERTICAL FLUID  
DELIVERY FOR COOLING A HEAT  
PRODUCING DEVICE

First Named Inventor: Thomas Kenny

Domestic/Foreign Application: Domestic Application

Filing Date: 2003-10-06

Effective Receipt Date: 2004-07-21

Submission Type: Information Disclosure  
Statement

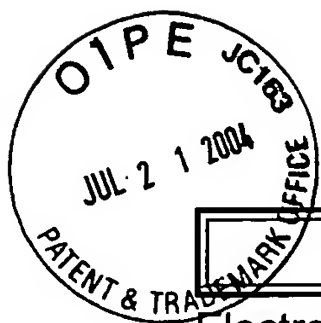
Filing Type:

Confirmation number: 5276

Attorney Docket Number: NONE

Total Fees Authorized:


Digital Certificate Holder: cn=Thomas B. Haverstock,ou=Registered Attorneys,ou=Patent and  
Trademark Office,ou=Department of Commerce,o=U.S. Government,c=US  
Certificate Message Digest: 6aca6a8ff86e7bb44da08e7c2c19eea4533255f2

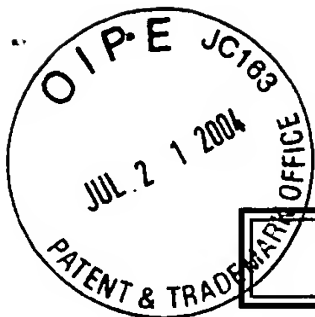


# TRANSMITTAL

Electronic Version v1.1


Stylesheet Version v1.1.0

Title of Invention	METHOD AND APPARATUS FOR EFFICIENT VERTICAL FLUID DELIVERY FOR COOLING A HEAT PRODUCING DEVICE									
Application Number: 10/680584 										
Date: 2003-10-06										
First Named Applicant: Thomas W. Kenny										
Confirmation Number: 5276										
Attorney Docket Number:										
<p>I hereby certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.</p> <p>I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.</p>										
<table border="1"><thead><tr><th>Submitted by:</th><th>Elec. Sign.</th><th>Sign. Capacity</th></tr></thead><tbody><tr><td>Thomas B. Haverstock Registered Number: 32571</td><td>/tbh/</td><td>Attorney</td></tr></tbody></table>			Submitted by:	Elec. Sign.	Sign. Capacity	Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney		
Submitted by:	Elec. Sign.	Sign. Capacity								
Thomas B. Haverstock Registered Number: 32571	/tbh/	Attorney								
<table><tr><td>Documents being submitted</td><td>Files</td></tr><tr><td>us-ids</td><td>COOL01301-usidst.xml</td></tr><tr><td></td><td>us-ids.dtd</td></tr><tr><td></td><td>us-ids.xsl</td></tr></table>			Documents being submitted	Files	us-ids	COOL01301-usidst.xml		us-ids.dtd		us-ids.xsl
Documents being submitted	Files									
us-ids	COOL01301-usidst.xml									
	us-ids.dtd									
	us-ids.xsl									
Comments										



ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18  
Stylesheet Version v18.0

Title of Invention	METHOD AND APPARATUS FOR EFFICIENT VERTICAL FLUID DELIVERY FOR COOLING A HEAT PRODUCING DEVICE																																																								
<div>Application Number: 10/680584</div> <div>Confirmation Number: 5276</div> <div>First Named Applicant: Thomas Kenny</div> <div>Attorney Docket Number:</div> <div>Search string: ( 5161089 or 5228502 or 5265670 or 5978220 or 5993750 ).pn.</div> <div></div> <div><p><u>Certification:</u> This Information Disclosure Statement was submitted under the following conditions, which satisfies the requirement under 37 CFR 1.97(e). The filer certified:</p><p>That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement.</p><p><b>US Patent Documents</b></p><p>Note: Applicant is not required to submit a paper copy of cited US Patent Documents</p><table border="1"><thead><tr><th>init</th><th>Cite.No.</th><th>Patent No.</th><th>Date</th><th>Patentee</th><th>Kind</th><th>Class</th><th>Subclass</th></tr></thead><tbody><tr><td></td><td>1</td><td>5161089</td><td>1992-11-03</td><td>Chu et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>2</td><td>5228502</td><td>1993-07-20</td><td>Chu et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>3</td><td>5265670</td><td>1993-11-30</td><td>Zingher</td><td></td><td></td><td></td></tr><tr><td></td><td>4</td><td>5978220</td><td>1999-11-02</td><td>Frey et al.</td><td></td><td></td><td></td></tr><tr><td></td><td>5</td><td>5993750</td><td>1999-11-30</td><td>Ghosh et al.</td><td></td><td></td><td></td></tr></tbody></table><p><b>Signature</b></p><table border="1"><tr><td>Examiner Name</td><td>Date</td></tr></table></div>								init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass		1	5161089	1992-11-03	Chu et al.					2	5228502	1993-07-20	Chu et al.					3	5265670	1993-11-30	Zingher					4	5978220	1999-11-02	Frey et al.					5	5993750	1999-11-30	Ghosh et al.				Examiner Name	Date
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass																																																		
	1	5161089	1992-11-03	Chu et al.																																																					
	2	5228502	1993-07-20	Chu et al.																																																					
	3	5265670	1993-11-30	Zingher																																																					
	4	5978220	1999-11-02	Frey et al.																																																					
	5	5993750	1999-11-30	Ghosh et al.																																																					
Examiner Name	Date																																																								